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TO: U.S. Patent and Trademark Office
Examiner: Carlos N. Lopez
Art Unit: 1731

DATE: June 7, 2006

FROM: Lawrence J. McClure

TIME: _____

TOTAL NO. OF PAGES, INCLUDING COVER: 12

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MESSAGE:

Patent Application No.: 10/722,157; Our Ref. 81863.0024
I hereby certify that the following documents:

☒ Amendment/Amendment Transmittal Letter

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are being facsimiled to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450., for filing in the above-identified application.

June 7, 2006
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Diane Zynn

TELECOPY/FAX NUMBER: (571) 273-8300 ART UNIT 1731

CLIENT NUMBER: 81863.0024

ATTORNEY BILLING NUMBER: 1966

CONFIRMATION NUMBER: (return fax to Diane Zynn)

FORM PT(O)-1083

81863.0024
Patent Application No. 10/722,157

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Shuzo IWASHITA, et al.
Serial No: 10722,157
Filed: November 25, 2003
For: PIEZOELECTRIC CERAMICS AND METHOD
OF MANUFACTURING THE SAME,
ACTUATOR AND METHOD OF
MANUFACTURING THE SAME, PRINTING
HEAD AND INK JET PRINTER

Art Unit: 1731
Examiner: Carlos N. Lopez

I hereby certify that this correspondence is being transmitted via facsimile to (571)273-8300:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450 on
June 7, 2006
Date of Deposit
Diane Zynn
Name
Signature Date 06/07/06

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

☒ No additional fee is required.

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The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT	(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE	ADD'L FEE DUE
TOTAL CLAIMS FEE	8	30	0	LG=\$50 SM=\$25	\$ 0
INDEPENDENT CLAIMS FEE	1	6	0	LG=\$200 SM=\$100	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS				LARGE ENTITY FEE = \$380 SMALL ENTITY FEE = \$180	\$ 0
Independent Claims: 6				TOTAL	\$ 0

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge the fee of \$___ for the additional claim fees to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☐ Please charge the fee of \$___ for the _____ extension of time to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By:

Lawrence J. McGlure
Registration No. 44,228
Attorney for Applicant(s)

Date: June 7, 2006

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Appl. No. 10/722,157
Amdt. Dated June 7, 2006
Reply to Office Action of March 8, 2006

Attorney Docket No. 81863.0024
Customer No.: 26021

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shuzo IWASHITA, et al.

Serial No: 10/722,157

Confirmation No.: 7015

Filed: November 25, 2003

For: PIEZOELECTRIC CERAMICS AND
METHOD OF MANUFACTURING
THE SAME, ACTUATOR AND
METHOD OF MANUFACTURING
THE SAME, PRINTING HEAD AND
INK JET PRINTER

Art Unit: 1731

Examiner: Carlos N. Lopez

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June 7, 2006

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Name

Signature

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AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Dear Sir:

In response to the Office Action dated March 8, 2006, please amend the
above-referenced application as follows:

Amendments to the specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on
page 3 of this paper.

Remarks/Arguments begin on page 6 of this paper.